

Kudlo, B.F.

Currents in Davis Strait (o techeniyakh proliwa Devisa) 1972
Trudy Pribornogo nauchno-issledovatel'skogo i proektnogo
Instituta morskogo rybnogo khozaystva i okeanografii in.
N.M. Knipovicha (PINRO), 25: 57-63. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2694, 12p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked... *KE*

Turak, T.N.

Variations in the relative weight of liver of the Atlantic
cod (Kolebaniya otnositel'nogo vesa pecheni atlanticheskoy
traski) 1972

Promyslovye ryby Severo-Zapadnoy Atlantiki i usloviya ikh
obitaniya, Trudy Polarnogo nauchno-issledovatel'skogo i
proektnogo instituta morskogo rybnogo khoziaistva i
okeanografii im. N.M. Knipovicha (PINRO), 28, Murmansk,
237p. 88-95. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2618, 15p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked: MR

Konstantinov, K.O., and S.O. Pondsanskaya 1972
Nutrition and food interrelations of groundies (Megarrus
rupestris) and other deep-water fishes of Northwest Atlantic
(Pitanie i pishchevye vzaimootnosheniya makrurusa (Megarrus
rupestris) i drugih glubokovodnykh ryb Severo-Zapadnoi
Atlantiki)

Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khoziaistva i okeanografii im.
N.M. Knipovicha (PINRO), 28: 96-106. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBO Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2537. 17p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Origer'ev, G.V.

1972
Reproduction of Mammus pusillus. Owner of the northern
Atlantic (Orammoshenii tuporyloa Mammusa Severnoi Atlantiki)
Trudy Pollarного nauchno-issledovatel'skogo i prikladnogo instituta
morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha
(PINRO), 28: 107-115. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRSC Biol. Sta., St.
John's, Nfld., 1973, as Transl. Series No. 2529, 15p.,
typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked...**AK**

Savvatinskii, P.I.

1972

The age of the rock grenadier in the north-west Atlantic and a possible influence of fisheries on its population numbers (O vozraste tuporybogo makrurusa Severo-Zapadnoi Atlantiki i vozmozhnom vliyanii promysla na ego chislennost') Trudy Polarnogo nauchno-issledovatel'skogo i proektnogo instituta morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha (PINRO), 28: 116-127. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Biol. Sta., St. John's, Nfld., 1973, as Transl. Series No. 2491, 26p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....

Baranukov, V.V.

1978

Systematics of the Atlantic redfishes (Sistematika atlanticheskikh morskikh okunej)

Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo instituta morskogo rybnogo khozyaystva i okeanografii im. N.M. Knipovicha (PIKRO), 28: 128-142. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Biol. Sta., St. John's, Nfld., and FRBC Biol. Sta., Moncton, B.C., 1973, as Transl. Series No. 2531, 33p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AP*

Barsukov, V.V., and G.P. Zakharov

1972

Morphological and biological characteristics of the
American redfish (Morfologicheskie i biologicheskie osobennosti
amerikanskogo morskogo okunya)

Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khoziaistva i okeanografii im.
N.M. Knipovicha (PINRO), 20: 143-173. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta., St.
John's, Nfld., and FRBC Biol. Sta., Nanaimo, B.C., 1973, as
Transl. Series No. 2488, 66p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....*MR*

Payusova, A.M.

1972

Primary populations of ocean perch in the north-west
Atlantic and their importance for fisheries reconnaissance
(Elementarnye populyatsii okunya-kiyuva zha v severe-zapadnoy
Atlantike i ikh znachenie dlya promyslovoy razvedki)
Trudy Pribornogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khoziaistva i okeanografii im.
N.M. Knipovicha (PINRO), 28: 174-183. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FREG Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2492, 16p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Zakharov, G.P., and V.A. Chakhova

1972

Distribution and biological characteristics of beaked
redfish (Sebastes mentella Trawin) of the Davis Strait
(Raspreделение i biologicheskaya kharakteristika okunyak-
lyuvacha proliwa Davisa)

Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo k' klassitva i okeanografii im.
N.M. Knipovicha (PINRO), 28: 184-198. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2474, 28p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Gushkova, V.A.

1972

Vertical distribution of beaked rockfish (*Schistothorax* ~~montella~~
travin) on the Flemish Cap Bank (Kontinentalnaya sklonina-Kluvacha
(*Schistothorax* ~~montella~~ Travin) po glubine na banko Flemish-Kap)
Trudy Polarnogo Nauchno-Issledovatel'skogo i Prikladnogo
Instituta morskogo rybnogo khozaystva i okeanografii im. N.M.
Kripyachikova (PIIRO), 28: 199-209. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2504, 18p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Nikol'skaya, T.L.

1972

Size, age and rate of growth of the deepwater redfish of the northeastern slope of the Newfoundland Grand Banks (Razmery, vozrast i temp rosta morskogo okun'yakiyuvaisha Severo-Vostochnogo sklonu Bol'shoi N'yufundlandskoi banki) Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo instituta morskogo rybnogo khoziaistva i okeanografii in. N.M. Knipovicha (PINRO), 28: 210-218. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Biol. Sta., St. John's, Nfld., 1973, as Transl. Series No. 2435, 13p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *WR*

Konstantinov, K.G.

1972

The assessment of the frequency of occurrence of food components (Ob otsenke chastoty vstroicheniya pishchevykh komponentov)

Trudy Polisskogo nauchno-issledovatel'skogo i proektnogo instituta morskogo rybnogo khozyaystva i okeanografii im. N.M. Knipovicha (PINRO), 28: 219-222. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Biol. Sta., St. John's, Nfld., 1973, as Transl. Series No. 2375, 8p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Durnev, V. D.

Effect of the elastic stress field, caused by an
elongating load, on the recrystallization texture of
silicon steel

LENINGRAD. POLITEKHNIЧЕСКИЙ ИНСТИТУТ. ТРУДЫ, n. 322,
1971, pp. 38-41

NTC 75-12854-21P

Uncl (AEC-tr--7418) Effect of ionizing radiation on the organism. The problem of the effect of radioactive water pollution on the reproduction of commercial fishes. Sorokin, B.P. (ed.) Translation of Tr., Polyar. Nauch. Issled. Proekt. Inst. Morsk. Ryb. Khoz. Okeanogr.; No. 29, 1-182(1971). 219p. Dep. NTIS.

environmental studies; 06R radiobiology; translations
STD-48 P NSA

Firsova, M.K.

Effect of Low Temperature and Freezing on
the Germinating Capacity of Seeds of the
Opium Poppy.

TRUDY PRIKL. BOT., Ser. IV, 1937, pp.121-124

*NTIS TT 74-53291

Mitryayev, I. M.

Determination of the forces in the kinematic pairs
of a landing gear mechanism 6 pp

PRILADNAYA MEKANIKA, TRUDY, nr. 95, pp. 26-30, 1968

AIR/PTD-HT-23-789-74

Kolomoie, N. P.

Behavior of cobalt and nickel during their ion-exchange
adsorption by a carboxyl cation exchanger from
ammoniacal sulfate and ammoniacal carbonate solutions.
TRUDY FINEKIN I NACHOD-ISELEDCTARELSKY INSTITUT.
GIPROTEK, No 42, 1969, pp 11-14
HTC 71-18046-11F

Golovin, G. P.

Heat treatment of welds in stainless steel 13 pp
TRUDY. PROMISHLENNOYE PRIMENENIYE TOKOV VYSOKOY
CHASTOTY, nr. 11, 1970, pp. 106-116
AIR/FTD-HT-23-257-74

3-Oct-73

Uncl (LA-tr--73-42) Main problems of high-power
linear accelerators of protons. BONDAREV, B.I.; IVANOV,
I.D.; KUL'MAN, V.G.; MURIN, B.P.; MIROCHNIK, E.A.;
POLIAKOV, B.I.; NEVIAZHSKII, I.K.; SOLOV'EV, L.I.;
KHESETS, E.A. Translated by A.D. Cernicek from Tr.
Radiotekh. Inst.: No. 1, 49-75(1970). 24p. Dep. NTIS
\$3.25.

20G particle accelerators; translations
MN-28 P NSA

TRINITY, N. E.
//TRINITY RESEARCH INSTITUTE, 1220 N. 10TH ST.
GRAND RAPIDS, MI 49503-1000
KONSOLIDA BERNIK//
--/--/1971, V--/--, 10197
A study of the damping characteristics of
models of supersonic aircraft at supersonic
speeds 6 pp
pp 58-65 AIR/FTD/HT-23-708-744

RUSSIAN

JPRS 63,145

CSO: 8144/0512
18 September 1974

Trudy SMP #35(41), 1973, pp. 93-99. 10 *ff*

Please Publish

VORONINA, S. I.
//TRUDY SAKHALYNSKOGO KOMP'YUTERNOGO
NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA//
---/1972.V0029.N---, pp 0040-0046
Use of a Hydrophone in the Registry of Seismic
Processes 8 pp
JPRS 63767
#

Konstantinov, A.S.

Cultivation of chironomid larvae (Vyrashchivaniye lichinok) 1958
Trudy Saratovskogo otdela VNIORKh, 2: 276-302. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of State of
Canada, for Dept. of Environ., FRBC Freshwater Institute,
Winnipeg, Man., 1978, as Transl. Series No. 2133, 44p.,
typescript.

Avail. on Loan - NEPS, Wash., D.C.

Original Article Checked. *MR*

REF FOR CHECK

26-1P-73

1167

OSCILLATION OF THE CHARACTERISTICS OF THE
HYDRODYNAMIC DAMPING OF A BODY OF ROTATION
BETON, V.S.

ON: BRUJY I RESPUBLIKANSKOY KONFERENTSI PO
ASTRODINAMIKHE, TEPLONENIY I MASSENNU,
1963, PP. 1-7

Q. P. ...

FTP-HT-23-1363-74

FEATURES OF USING REVERSING THYRISTOR EXCITER
S WITH SEPARATE CONTROL IN ELECTRI

DSTPOV, O, USYN LANGUAGE-RU COUNTRY-UR

SB. NAUCH. TRUD. CHELYABINSK. POLITEKH. INST.
. '71, #94, 109-117.

FSTC-HT-23-0385-74

RESEARCH ON AN ASYNCHRONOUS ELECTRIC DRIVE WITH A SYMMETRICAL THYRISTOR IN ONE

KRAVTSOV, N. YA LANGUAGE-RU COUNTRY-UR

SB. NAUCH. TRUD. CHELYABINSK. POLITEKH. INST.
94, '71, 139-43.

FSTC-HT-23-0384-74

RUSSIAN

SPRS 63767

CSO: 8344/0954
26 November 1974

Voronina, S. I.

//Trudy SAKHALINSKOGO KOMPLEKSNOGO NAUCHNO-
ISSLEDOVATEL'SKOGO INSTITUTA//

---/--/1972, V0029, N-----, pp 0040-0046

Sakhalin

Use of Hydrophones for Recording Seismic
Process

#

Please Publish and include repros(if possible)

TARASKIN. A. F.
//TRUDY SEMINARA KIBERNETIKA DONETSKOYE
OTDELENIYE//
--/--/1969, V----, n----
Estimates for the transfer parameters of a
diffusion process 11 pp
PP 66-77 ARM/FSTC/HT-23-179-73##

T. G. Trushko
The Limiting Behavior of a Multiserver
Queuing System and the Problem of Controlling
the System in a Stationary Mode
TRUDY SEMINARA, TEORIYA OPTIMAL'NYKH
RESHENIY, INSTITUT KIBERNETIKI, AKADEMIYA
NAUK UKHAINSKOY SSR, KIEV, 1968
FSTC-HT-23-116-72

Mironov, G.N. 1960
The food of plankton predators (Pitanie planktonnykh
khishchikov)
(Trudy Sevastopol'skoĭ biologicheskoi stantsii, 13: 78-88.
In Russian.

Transl. for NLL, 14p., processed. Avail. NLL as RTS 7409.

Avail. on Loan - NMPS, Wash., D.C.

Original Article Checked *MR*

Dolgopol'skaya, M.A., E.S. Ourevich, and
E.Z. Shapiro

1960

The influence of bacterial film on the leaching of poisons
from a layer of antifouling paint (Vliyanie bakterial'noi
plenki na protsess vyshchelaachivaniya yadov iz
protivooibrastayushchego krasochnogo sloya)
(Trudy Sevastopol'skoi biologicheskoi stantsii) 12: 309-314.
In Russian.

Transl. for NLL, 9p., processed. Avail. NLL as RTS 2235.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *NR*

Agency: Smithsonian Institution
P.O.No.

9844/1416
19 March 1974

Title: K Fauna Sipunkulid Sredizemnoye Morya

Author: V.V.Marin

Source: Trudy Sevastopol'skoy Biologicheskoy Stantsii
Vol XVII, 1964 pp51-73

Language: Russian

Instructions: Type single space. NO Paste-up, leave
space, translate all captions.

Picatinny Arsenal

Req. 73-122 c

9244/0307

24 June 1973

"Changes in structure of celluloses during
nitration"

By: Morozov, V.A., ~~XXXX~~ Filipchuk, Yu.S., Chetyrkin, G.

From: Tr. Sibirsk. Tekhnol. Inst. Sb.
Vol. 36, pp. 33-9 (1963).

Language: Russian

Please translate and type 1 copy only. Type single
p space. PASTE-UP.

Agency: Army/Redstone #11

P.O. #: MIPE NO. AS100Z-40-7187

7244/2857

27 Feb 75

Title: Local growing of epitaxial films

Author: I. G. Khar'uzov, G. A. Kurov, E. V. Rakova

Source: Protsessy Rosta i Struktura Monokristalliv
cheskikh Sloev Poluprovodnikov, Trudy
Simpoziuma, 1966 (Publ. 1968), Part 1,
pp-296-304 Edited by L. I. Aleksandrov

Language: Russian

Special Instructions: Please translate.
Edited draft only.K VOPROSU O LOKAL'NOM VRASHCHIVANII EPITAKSIAL'-
NYKH PLEIYOK

Thermodynamic Study of the Growth Rate of Epitaxial
Silicon From SiCl_4 , by I. B. Sladkov, 6 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpogiuma, Novosibirsk, Part 2, 1969, pp 7-14.
JPRS 59279

June 73

Relation Between the Deposition Conditions and
the Volt-Ampere Characteristics of Epitaxial
p-n-Junctions, by I. B. Sladkov, 6 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 15-21.
JPRS 59279

June 73

Mechanism of Autopitaxy of Silicon for Growth
From the Vapor-Gas Mixture ($\text{SiCl}_4 + \text{H}_2 + \text{Cl}_3$)
in the Open Process, by Yu. D. Chistyakov, 10 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 22-32.
JPRS 59279

June 73

Utilization of the Sandwich Method to Obtain
Epitaxial Layers of Semiconducting Materials,
by A. S. Korotkov, 8 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloyev Poluprovodnikov -- Trudy
Simpogiuma, Novosibirsk, Part 2, 1969, pp 33-41.
JPRS 59279

June 73

Mechanism of Silicon Autoepitaxy During Transport
in Small Intervals, by Yu. D. Chistyakov, 9 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 42-51.
JPRS 59279

June 73

Growth of Epitaxial Silicon Films With the Application of Hydrogen of High Purity and the Study of Their Properties, by V. P. Pashkudenko, 5 pp. RUSSIAN, per, Protsessy Rosta i Struktura Monokristallicheskikh Sloyer Poluprovodnikov -- Trudy Simpoziuma, Novosibirsk, Part 2, 1969, pp 57-61. JPRS 59279

June 73

Study of the Growth Conditions and Properties of
Silicon Films Deposited by the Chloride Method,
by Z. I. Kir'yashkina, 6 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloyer Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Pat 2, 1969, pp 62-68.
JPRS 59279

June 73

Alloying Epitaxial Layers of Silicon With Boron
and Arsenic Using Gas Discharge, by
T. A. Dutkina, 5 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Tруды
Simpoziuma, Novosibirsk, Part 2, 1969, pp 79-84.
JPRS 59279

June 73

Obtaining Epitaxial Silicon Films With the Application of Hydrogen of High Purity and Studying the Admixture Distribution Profile, by Yu. A. Ryancv, 8 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Monokristallicheskikh Sloev Poluprovodnikov -- Trudy Simpoziuma, Novosibirsk, Part 2, 1969, pp 85-92. JPRS 59279

June 73

Nature of 'Smoky' Spots Occurring on the Surface
of Silicon Alloyed With Boron After Chemical
Polishing, by E. G. Azhazha, 5 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 97-102.
JPRS 59279

June 73

Kinetics of Gas Pickling and Epitaxial Growth of
Semiconductor Materials, by L. A. Laukmanis, 5 pp..
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloyev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 103-109.

JPRS 59279

June 73

Variation of the Electrophysical Parameters of
Epitaxial Films of Germanium as a Results of Gas
Etching, by E. E. Aboltyn', 6 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskich Sloey Poluprovodnikov -- Trudy
Sinpoziuma, Novosibirsk, Part 2, 1969, pp 110-115.
JPRS 59279

June 73

Obtaining Silicon Epitaxial Films by the Silane
Method, by S. A. Ratenberg, 5 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloyev Poluprovodnikov -- Trudy
Symposiuma, Novosibirsk, Part 2, 1969, pp 116-121.
JPRS 59279

June 73

Epitaxial Layers of Silicon Obtained by Pyrolysis
of Hydrides, by T. A. Zevke, 5 pp.
RUSSIAN, per, Protsessy Rosta i. Struktura Mono-
kristallicheskih Slojev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 122-128.
JPRS 59279

June 73

Selective Growth of Epitaxial Layers of Silicon,
by I. M. Skvortsov, 7 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskich Sloyev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 129-137.
JPRS 59279

June 73

Study of the Growth of Monocrystalline Films of
Silicon Carbide on Silicon, by I. P. Neymane,
5 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloyev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 155-159.
JPRS 59279

June 73

Growth Kinetics and Morphology of Autoepitaxial
Germanium Films in the Chloride Method, by
V. S. Kravchenko, 10 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 165-186.
JPRS 59279

June 73

Photo Appendix, 8 pp.
RUSSIAN, photos, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 177-197.
JPRS 59279

June 73

REPORT OF THE
AERODYNAMIC RESEARCH
--/--/1963, 7--/1963
Calculation of the aerodynamic damping of
aerodynamic damping of bodies of revolution.
7 pp
pp 1-7, AIR/FTD/Ht-20-1263-7400

Klyachkin, A. L.

Problems of the application of turbofan engines in air transport. Methods of increase in efficiency of turbofan engine with high bypass ratios. 138 pp.

TRUDY RIKHSKOY INSTITUT INZHENEROV GRAZHDANSKOY

AVIATSEI I TSNIT Leningradskoy KONGRESSI, PERELEK

PRIMENENIYA DTD Y VOZDUSHNOY TRANSPORTA, No 174, 1971

pp 1-153

AIR/FTD-MT-24-661-73

SAUR ARHIVIRAN...
VERHOSSO UNIVERSITETA//
---/---/1972, V---, S---,
General description of the "Garai" computer and
of the process of realization of a translation
algorithm. 21pp
pp 9-23, AIR/PTD-MT-24-397-7488

Makal'skiy. I. I.

Accounting Procedures for Maritime Shipping Proposed.

9 pp

TRUDY SMP, Moscow, No 35(41) 1973, pp 93-99.

JPRS 63145

Suykovskaya, N. V.

The use of organosilicon compounds as transparent
thin films 5 pp

TRUDI II SOVESHCANIYA PO KHIMII I PRAKTICHESKOMU

PRIMENENIYU KREMNIY-ORGANICHESKIH SOYEDINENIY

Leningrad. 9-12 Dec 1969, Kremniyorganicheskiye

Materialy, 1971, pp. 268-270

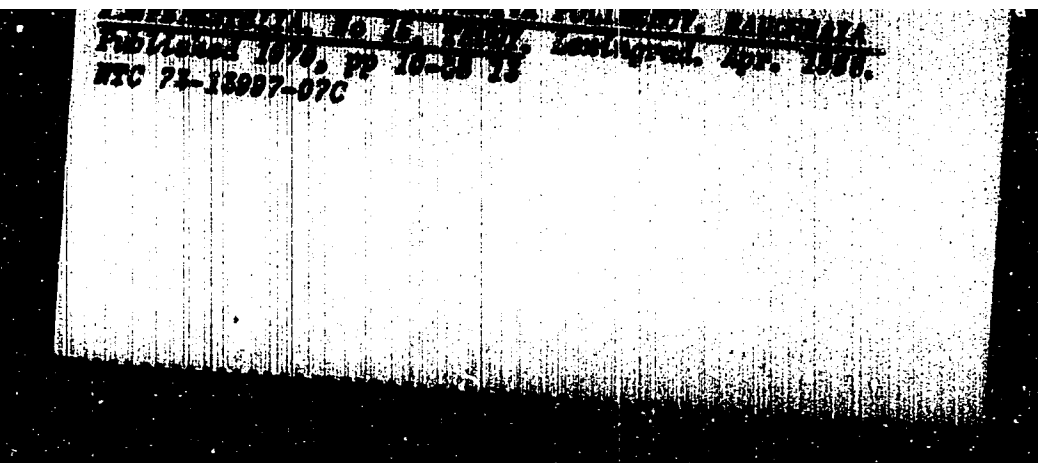
AIR/PTD-HT-23-942-74

CHANDLER

Quaternary and polymeric materials containing polymers of
1,3-bis(hydroxyphenyl)propane of styrene and butadiene
styrene

СОВЕТСКИЙ ПЕРИОДИЧЕСКИЙ И СПЕЦИАЛЬНЫЙ ПОЛИМЕРНЫЙ НАУЧНЫЙ

Published 1978, pp 10-13
 NTC 74-13897-07C



Khudenskii, Yu. K.

*A Study of Energy Transfer in Organic Systems
containing IONS of rare Earth Elements*

SPEKTROSKOPIYA, METODY I PRILOZHENIYA SIBIRSKOM
SOVESHCHANIE PO SPEKTROSKOPII (no. 4). TRUDI

Sept. 1965. Pub. 1969, pp. 177-179

(Spectroscopy, Methods and Applications Sb. Conference on Spectroscopy. Transactions)/

NTC 73-12436-20F

Krossing, V. and K.A. Kask 1971

Amino-acid composition of the nitrogenous substances
in fish and in brine in canned "Tallin sprats" (Aminokislotty
sostav azotistykh veshchestv ryby i tuzluka v preserve
"Tallinskiye kilki")

Trudy tallinskogo politekhnicheskogo instituta, Series A,
(500) 69-72. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Halifax Lab.,
Halifax, N.S., 1973, as Transl. Series No. 2376, 5p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Siimer, I., O.V. Tauts, and K.E. Meister 1971
Investigation of fatty acid composition of fish oils
(Issledovaniye zhirnokislotoznogo sostava ryb'ikh zhirov)
Trudy Tallinskogo politekhnicheskogo instituta, Series A,
(300): 73-78. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRDC Halifax Lab.,
Halifax, N.S., 1973, as Transl. Series No. 2429, 6p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Koryushin, A. F.

Electro-conductivity of aqueous copper sulphate solutions.

TAMBOVSKII INSTITUT KHIMICHESKOGO MASHINO-
STROENIYA. TRUDY, n. 4, 1970, p. 154-157

NTC 72-11258-07D

WORK FUNCTION OF THE FACES (100) OF SINGLE CRYSTALS OF REFRACTORY METAL ALLOYS

SMIRNOVA, N., S LANGUAGE-RU COUNTRY-UR

TASHKENT. GOSUDAR. UNIVER. IM LENINA, NAUCH. T
KUDY #395, FIZIKA, '71, 230-36

FSTC-HT-25-0935-74

Dzhandieri, K.M.

The nuclear pfactor which destroys dna.
TBILIS. GOSUDARSTVENNYI UNIVERSITET. TRUDY.
1971, pp 45-53, v. 139.
NTC 73-12288-06A
NLL RTS 7591

Experimental Base for Submarine Studies in the
Area of Technical Operation of Marine
Power Plants
TRUDY TEKHNIЧЕСКАЯ ЭКСПЛУАТАЦИЯ МОРЕСКОГО ФЛОТА
No 1/2, 1970, pp. 99-108

FSTC-HT-23-1806-72

AZIMUTHAL OBSERVATION OF METEOR-TAIL DRIFT

KARIMOV, K. ETC LANGUAGE--RU COUNTRY--UR

MET. I TEKH. EKSPER. ISSLED. ATMOS., TRUDY TSE
N. AERD. OBS. #91, '71, P12

FSTC-HT-23-1708-73

Technical operation of the machine plant. Noise and
vibration control on shipping vessels by A. I. Gromov.

Leningrad, Tekhnicheskaya akusticheskaya i vibratsionnaya
bor'ba za shumom i vibratsionny na morskikh sudakh.
Trudy tsentral'nogo VNI Morakogo Flota, No 17,
pp 21-31, 31-49, 49-51, 62-73, & 73-80.

Please publish - include reproductions.

Roukhiyainen, M.I., G. Senichkina, and
L.V. Georgiyeva

1971

Review of the taxonomic composition of phytoplankton in
the Central-American seas (Obzor sistematicheskogo sostava
fitoplanktona Tsentral'no-Amerikanskikh mory)

Trudy tsentral'noi laboratorii po vosproizvodstvu rybnikh
zapasov glavryboda NRKH SSSR, 2: 16-49. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Vancouver Lab.,
Vancouver, B.C., 1973, as Transl. Series No. 2666, 97p.,
typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

VASHKOV, V. I.

Sterilization by Chemical Agents

TSENTRALNYI NAUCHNO-ISSLEDOVATELSKII DEZINFEKTSIONNYI
INSTITUT. TRUDY, vol. 18, no. 1, pp. 29-35, 1967

NTC 73-10314-060

March 73

MAP DIAGRAM OF THE NUMBER OF DAYS WITH DUST S
TORMS IN THE HOT ZONE OF THE USSR

SAPDZHNIKOVA S LANGUAGE-RU COUNTRY-UR

TRUDY NAUCH ISSLED INST AEROKLIMATGLOGII NO 6
5 1970 PP 61-68

FSTC-HT-23-0027-74

Kostarev, V. V.

Radar Measurement of the Water Content of
Clouds.

██████, No. 36, pp. 3-12, 1961.
A.T.S. RJ-5335

TR. TSENTR. AEROLOG. OBSERV.

Borovikov, A. M. et al

Some Results of the Measurement of the size
Distribution of large Particles in Clouds.
~~ISSUED~~, No. 36, pp.3-12, 1961.

A.T.S. RJ-5336

TR. TSENTR. AEROLOG. OBSERV.

Borovikov, A. N.

The Accuracy of Measuring Cloud Heights by
Radar.

Tr. Tsentr. Aerolog. Observ. No. 36, pp.37-
42, 1961.

A.T.S. RJ-5334

ERADIN, YU. I.,
//TRUDY TSEITRAL'NOY AEROLOGICHESKOY OBSERVATORII//
---/---/1963, 7---, 70013,
A Method for Determining the Concentration of
Charged Air Particles, 8 pp.
PP 96-100, AIR/FTD/MT-23-1574-7408

ADD TR CHECK

23-08772

T17-1

CALCULATION OF RESONANCE CROSS-SECTION
FOR SCATTERING ON EXCITED MOLECULES AND ON
IONIZED NITROGEN

KOSTKO, O.K.; CHAYANOVA, E.A.

UR: Tsentral'noy Aerologicheskoy
Observatorii (Moscow), No. 33, 1971,

pp. 84-89

In Process

FTD-NO 23-1573-74

REQ TR CHECK

14-01-74

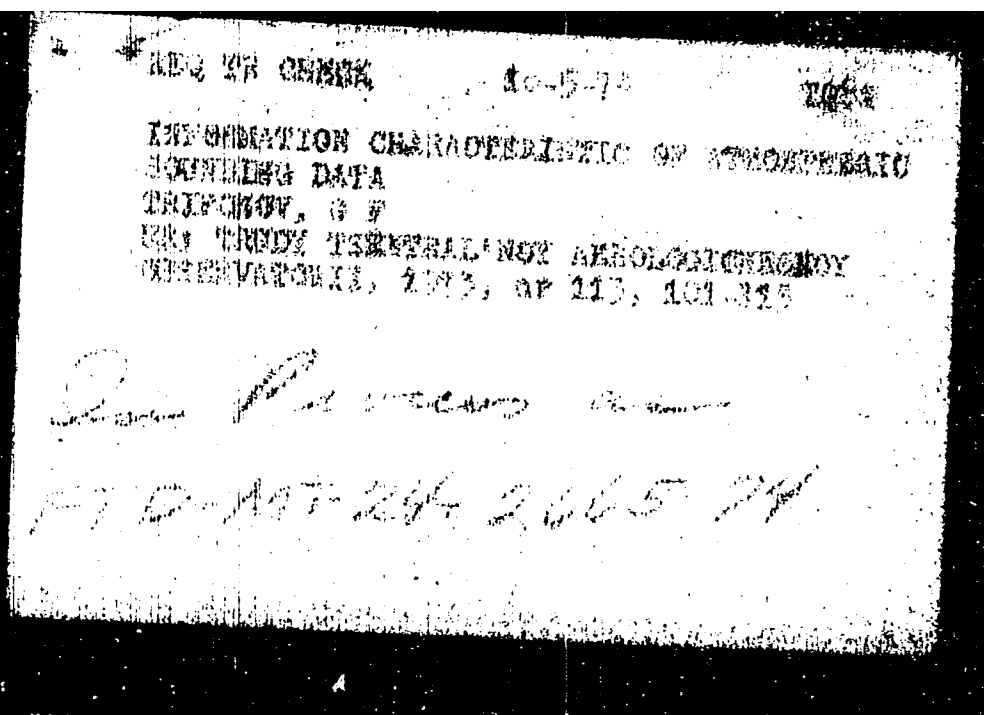
2773

ON THE SIZE DISTRIBUTION OF CLOUD DROPS IN
THE TURBULENT ATMOSPHERE

SMIRNOV, V.I., KABANOV, A.S.

UR: TRUDY TSENTRALNOY AEROLOGICHESKOY
OBSERVATORII (MOSCOW), NO. 101, 1972,
pp. 3-12

*In Process as**FTD MT-24-1468-74*



Shvidkovskiy, Ye. G.

Charged Particles in the Earth's lower Atmosphere 20 pp

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATORII.

FIZIKA SVYAZNOY ATMOSFERY nr. 100, 1970, pp. 22-35

AIR/PTD-MT-23-663-73

YASTEROV, A. A.
//TRUDY TSENTRAL'NOY AERIALNOY OBSERVATORII.
METODY I TEKHNIKA EKSPERIMENTAL'NOY ISSLEDOVANIY
V VYSOKOM SLOIYAKH ATMOSFERE//

--/1973, V---, #0003,
Toward a theory of disturbances of the lower
ionosphere by a metal body, 14 pp.
PP 35-43, AIR/FTD-NC-23-1883-7404

Gorelik, A.G.

The Determination of the General Moisture Content of the Atmosphere from its Intrinsic Radio Frequency emission.

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATORII, .SPUTNIKOVAYA METEOROLOGIYA, Nr. 103, 1972

pp.5-20.

FTD-MT-24-698-73

Gorshin, A. D.

Determination of the Integral Water Content of Rain
Clouds and Depth of the Rain Layer by SAR Radiometric
Method 9 pp

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATORII, SPOV-
NIKOVAYA METEOROLOGIYA, No. 103, 1972, pp 31-41
AIR/FTD-M-24-700-73

Gorelik, A.G.

The **Possibilities** of the Identification of
Precipitation Zones with Misch (Meteorological
Artificial Earth Satellites).

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATO-
RII. SPUTNIKOVAYA METEOROLOGIYA Nr. 103, 1972

pp. 31-41.

FTD-MT-24-699-73

REQ TR CHECK

23-05-73

T790

UNKNOWN

GORELIK, A.G.; KALASHNIKOV, V.V.
UR: TRUDY TSENTRAL'NOY AEROLOGICHESKOY
OBSERVATORII, SPUTNIKOVAYA METEOROLOGIYA,
NO. 103, 1972, pp. ~~34-41~~ 58-63

From me as
MT 72-24-0700

Gorelik, A.G.

Measurement of Radiation of the Atmosphere in
the 9-12 Micron Band.

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATO-
RII. SPUTNIKOVAYA METEOROLOGIYA, Nr. 103, 1972
pp.82-93.

FTD-MT-24-701-73

Sputnikovaya Meteorologiya
TRUDY TSENTRALNOY AEROLOGICHESKOY OBSERVATORII,
No 103, 1972, 144 pp.
*IPST

April 73

Marti, Yu. Yu.

1972

Problems in developing the sturgeon culture in the
Caspian Sea (Voprosy razvitiia osetrovogo khoziaistva v
Kaspiiskom mure)
osetrovye i problem osetrovogo khoziaistva, Russk Tsentral'noi
laboratoriia po vosproizvodstvu rybnykh zapasov Slevyrbvoda
SSSR, Leningradskii gosudarstvennyi universitet:
124-191. in Russian.

Transl. by Transl. Bur., Agn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., AFRC Halifax Lab.,
Halifax, N.S., 1977, as Transl. Series no. 2545, 79p.,
typescript.

Avail. on loan - AFRC, Wash., D.C.

Transl. by AFRC, Wash., D.C.

Drift Meter Log Operation, by B. A. Tetuyev,
V.V. Piteryakov, 8 pp.
RUSSIAN, per, Trudy, Tsentral'nyy Nauchno-Issle-
dovatel'skiy Institut Morskogo Flota, Leningrad,
Vol 18, No 157, 1972. pp 71-77, pp 106, 9pp.
JPRS 59062

May 73

Logvinovich, E. G.

Technical and Economic Substantiation of Large-Tonnage Vessels for Bulk Dry and Petroleum Shipments.

19 pp

TRUDY TSNIIMF, Moscow, No 170, 1973, pp 3-20.

JPRS 61787

Sokolov, Yu.N

Investigation of Parameters of
Underground Electric Antennas

11 pp

TRUDY TSENTRAL'NOGO NAUCHNO-ISSLEDOVATEL'SKOGO
GORNORAZVEDOCINOGO INSTITUTA, Issue 86, part II
1969, pp 135-143

FSTC-HT-23-193-73

RUSSIAN:

Trudy TsNIIMF. ("Proceedings of the TsNIIMF").
pp 36-43.

DIA LN 521-73

TsNIIMF TsNIIMF Inst. Moscow.
7.1.73

(June 73)

REQ TR CHECK

22-04-74

To30

THE PROBLEM OF PROPAGATION OF CYLINDRICAL
WAVES IN CONCRETE

YURGENS, D I

UR: TRUDY TSENTRAL'NYY NAUCHNO-ISSLEDOVATEL'SKIY
INSTITUT STROITEL'NYKH KONSTRUKTSIY,
NO. 19, 1971, pp. 218-225

*In process as**HT-23-2415-74*

TR CHECK

7-05-74

TP832

SOME PROBLEMS IN MEASURING HOLOGRAMS FOR
RECIPROCAL EFFECTS BETWEEN CIRCUITS OF
ACTIVE CABLE JUNCTIONS
VERNIK, S M; GUSHCHIN, B K
UR: TRUDY UCHEBNYKH INSTITUTOV SVYAZI,
NO. 53, 1971, pp. 135-140

*In Process**FTD-MT-24-2566-74*

Lykain, P. G.

The strength and rigidity of structures at high aircraft velocities, 12 pp.

TRUDY. VIKING AVIATION TEST INT. Co. PRODUCTIONS

No 7, 1967, pp 2-12

AIR/FTD-HT-22-496-74

Brilov, M. V.

Possibility of Accumulation of Ice Particles in a
cloud near the Zero Isotherm

UKRAINSKE NAUCHNO-DOSLEDNOVAYE TSHETROVIRNOYE VIZNACHENNYE

SKHIM INSTITUT, TRODY, n. 89, 1970, pp. 29-31

CSIRO TRANS-11310

NTC 73-12908-04B

Vol. 1, No. 1

Distribution of precipitation particles in cumulus
clouds.

UKRAINE: KYIV, 1971, No. 1, 1971, 1971, 1971, 1971.

GIORGIO, 1971, No. 1, 1971, 1971, 1971, 1971.

OSTRO-CHENKO, 1971, No. 1, 1971, 1971, 1971, 1971.

NTC 73-13270-04B

VOIKOV, A. D.

//TRUDI, UKRAINSKI NAUCHNO-ISSLEDOVATELSKI
GIDROMETEOROLOGICHESKI INSTITUT.//

--/--/1971, V----, NO095,

Photoelectric Polarisation Method for Determining
the Countable Concentration of Crystalline Particles,
pp 124-133, ITC 74-11341-04B@@